



-1-

SEQUENCE LISTING

<110> GTC Biotherapeutics, Inc.
<120> Modified Antibodies Stably Produced in Milk and Methods of Producing Same
<130> G0744.70013US01 (formerly GTC-53)
<140> 10/722,903
<141> 2003-11-26
<150> 60/429,606
<151> 2002-11-27
<160> 10
<170> PatentIn version 3.2
<210> 1
<211> 61
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> IgG4 Hinge Region Nucleic Acid

<400> 1
tctgcagagt ccaaataatgg tccccatgc ccatcatgcc caggttaagcc aacccaggcc 60
t 61

<210> 2
<211> 12
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> IgG4 Hinge Region Amino Acid

<400> 2

Glu Ser Lys Tyr Gly Pro Pro Cys Pro Ser Cys Pro
1 5 10

<210> 3
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<223> S241P Oligo Nucleic Acid

<400> 3
ggtccccat gtcctccctg cccaggttaag cca 33

<210> 4
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> misc_feature
<223> S241P Oligo Amino Acid

<400> 4

Gly Pro Pro Cys Pro Pro Cys Pro Gly Lys Pro
1 5 10

<210> 5
<211> 65
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> IgG4 Hinge Region Nucleic Acid

<400> 5
cttctctctg cagagtccaa atatggtccc ccatgcccatt catgcccagg tccgc当地 acc 60
caggc 65

<210> 6
<211> 12
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> IgG4 Hinge Region Amino Acid

<400> 6

Glu Ser Lys Tyr Gly Pro Pro Cys Pro Ser Cys Pro
1 5 10

<210> 7
<211> 65
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> IgG2 Hinge Region Nucleic Acid

<400> 7

cttctctctg cagagcgcaa atgttgtgc gagtgccac cgtgccagg tccgccaacc 60
caggc 65

<210> 8
<211> 12
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> IgG2 Hinge Region Amino Acid

<400> 8

Glu Arg Lys Cys Cys Val Glu Cys Pro Pro Cys Pro
1 5 10

<210> 9
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<223> Oligo 2014 Nucleic Acid

<400> 9
gaggagcagt tccagtctac ttaccgagtg gtc 33

<210> 10
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> misc_feature
<223> Oligo 2014 Amino Acid

<400> 10

Glu Glu Gln Phe Gln Ser Thr Tyr Arg Val Val
1 5 10